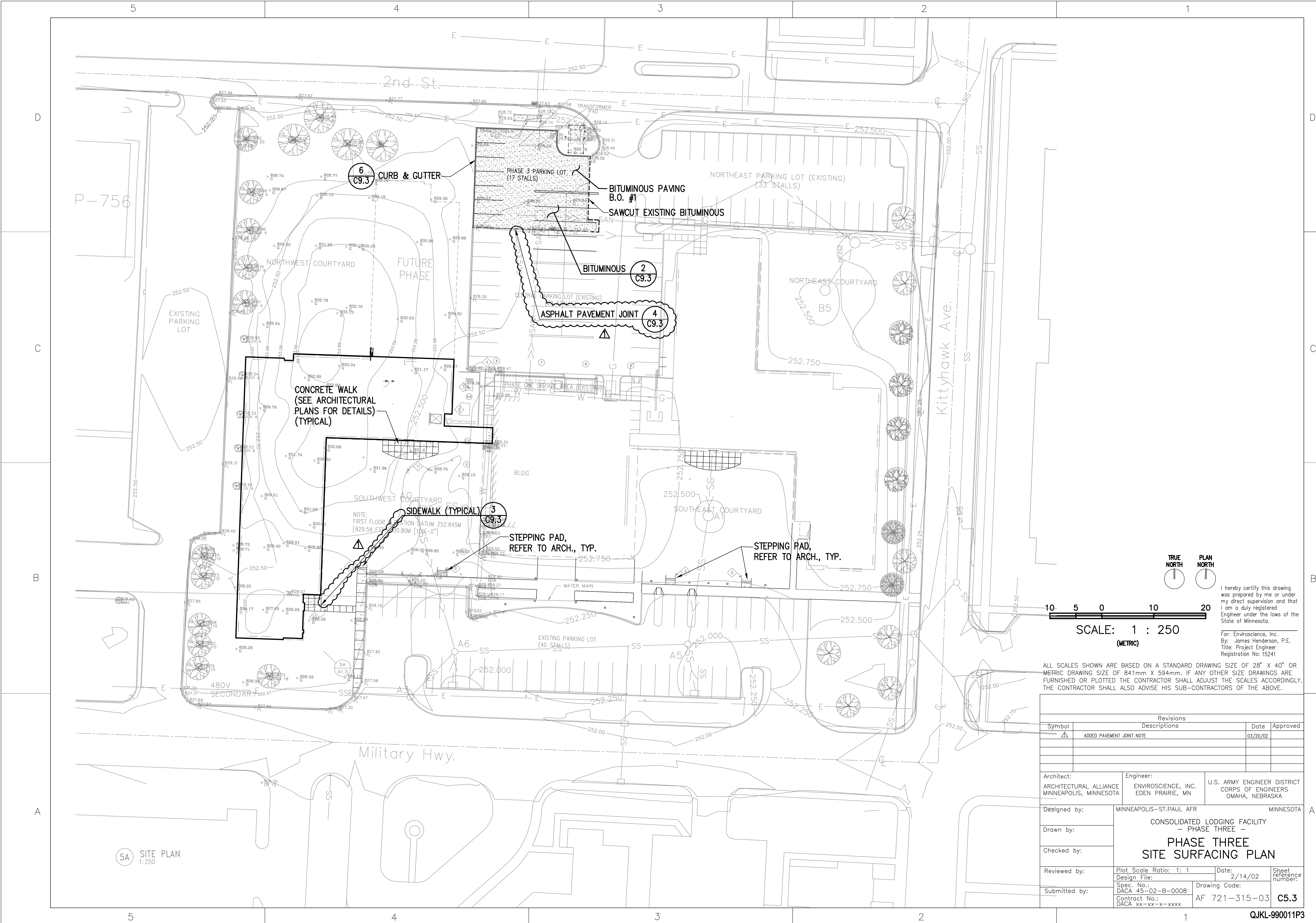


Revisions				
Symbol	Descriptions		Date	Approved
△	ADDED PAVEMENT NOTES, CURB DETAIL REFERENCE, ADD BIT. EDGE, SHOW CURB		03/20/02	
Architect:		Engineer:		
ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA		ENVIRONMENTAL SCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA	
Designed by:		MINNEAPOLIS—ST. PAUL AFR MINNESOTA		
Drawn by:		CONSOLIDATED LODGING FACILITY — PHASE THREE —		
Checked by:		PHASE THREE—GRADING PLAN & UTILITIES		
Reviewed by:		Plot Scale Ratio: 1: 1 Design File:	Date: 2/14/02	Sheet reference number:
Submitted by:		Spec. No.: DACA 45-02-B-0008	Drawing Code:	C3.3
		Contract No.: DACA xx-xx-x-xxxx	AF 721-315-03	



5A SITE PLAN
1:250

TRUE NORTH

PLAN NORTH

10 5 0 10 20

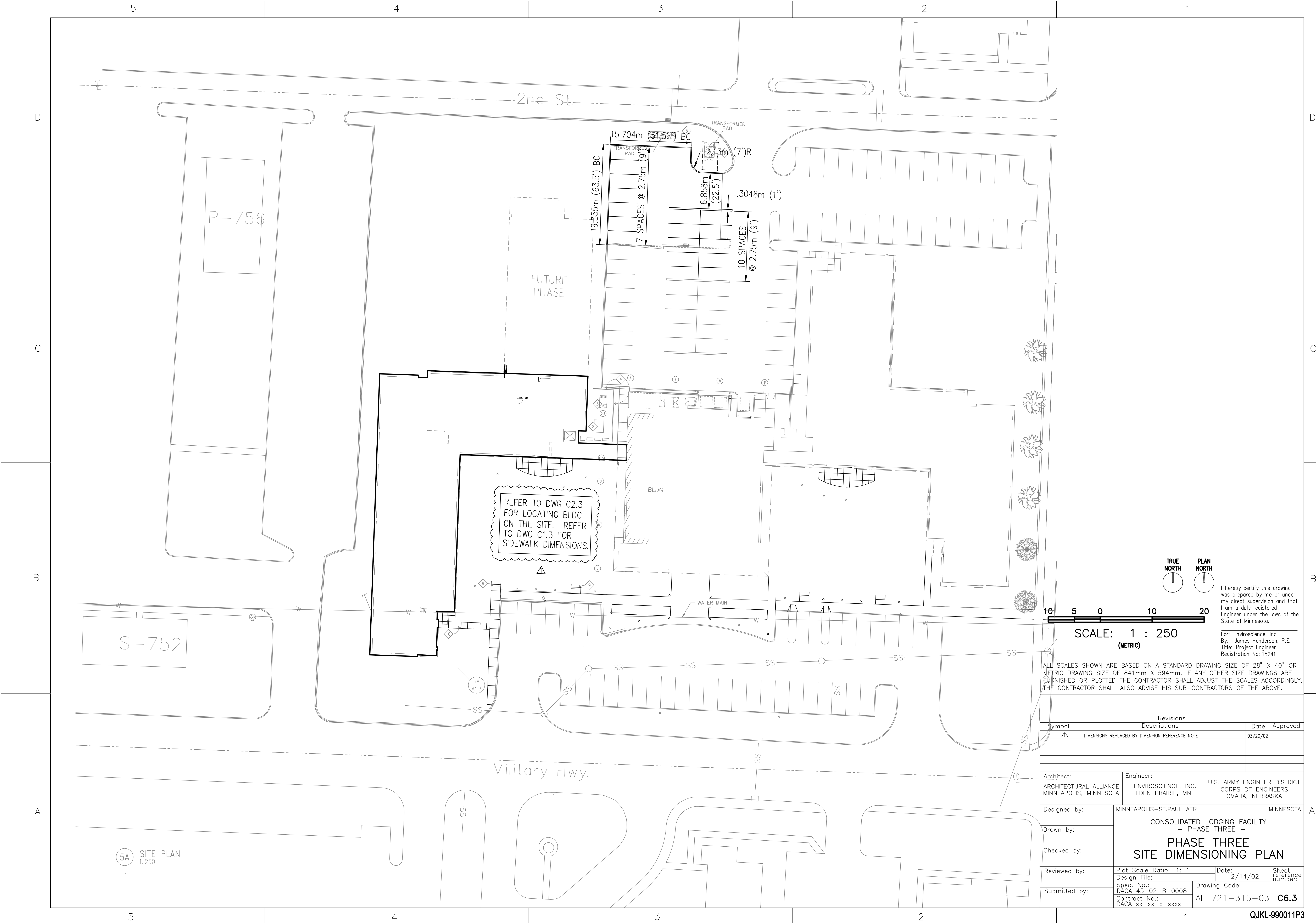
SCALE: 1 : 250
(METRIC)

ALL SCALES SHOWN ARE BASED ON A STANDARD DRAWING SIZE OF 28" X 40" OR METRIC DRAWING SIZE OF 841mm X 594mm. IF ANY OTHER SIZE DRAWINGS ARE FURNISHED OR PLOTTED THE CONTRACTOR SHALL ADJUST THE SCALES ACCORDINGLY. THE CONTRACTOR SHALL ALSO ADVISE HIS SUB-CONTRACTORS OF THE ABOVE.

Revisions			
Symbol	Descriptions	Date	Approved
▲	ADDED PAVEMENT JOINT NOTE	03/20/02	
Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA		Engineer: ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by:	MINNEAPOLIS-ST. PAUL AFR MINNESOTA		
Drawn by:	CONSOLIDATED LODGING FACILITY - PHASE THREE -		
Checked by:	PHASE THREE SITE SURFACING PLAN		
Reviewed by:	Plot Scale Ratio: 1: 1	Date: 2/14/02	Sheet reference number: C5.3
Submitted by:	Spec. No.: DACA 45-02-B-0008	Drawing Code: AF 721-315-03	
	Contract No.: DACA xx-xx-x-xxxx		

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Engineer under the laws of the State of Minnesota.

For: Enviroscience, Inc.
By: James Henderson, P.E.
Title: Project Engineer
Registration No: 15241



5A SITE PLAN
1:250

REFER TO DWG C2.3
FOR LOCATING BLDG
ON THE SITE. REFER
TO DWG C1.3 FOR
SIDEWALK DIMENSIONS.

TRUE
NORTH

PLAN
NORTH

10501020

SCALE: 1 : 250
(METRIC)

ALL SCALES SHOWN ARE BASED ON A STANDARD DRAWING SIZE OF 28" X 40" OR METRIC DRAWING SIZE OF 841mm X 594mm. IF ANY OTHER SIZE DRAWINGS ARE FURNISHED OR PLOTTED THE CONTRACTOR SHALL ADJUST THE SCALES ACCORDINGLY. THE CONTRACTOR SHALL ALSO ADVISE HIS SUB-CONTRACTORS OF THE ABOVE.

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Engineer under the laws of the State of Minnesota.

For: Enviroscience, Inc.
By: James Henderson, P.E.
Title: Project Engineer
Registration No: 15241

Revisions			
Symbol	Descriptions	Date	Approved
△	DIMENSIONS REPLACED BY DIMENSION REFERENCE NOTE	03/20/02	
Architect:		Engineer:	U.S. ARMY ENGINEER DISTRICT
ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA		ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by:		MINNEAPOLIS-ST. PAUL AFR	MINNESOTA
Drawn by:		CONSOLIDATED LODGING FACILITY - PHASE THREE -	
Checked by:		PHASE THREE SITE DIMENSIONING PLAN	
Reviewed by:		Plot Scale Ratio: 1: 1	Date: 2/14/02
Submitted by:		Design File: Spec. No.: DACA 45-02-B-0008	Drawing Code: AF 721-315-03
		Contract No.: DACA xx-xx-x-xxxx	Sheet reference number: C6.3

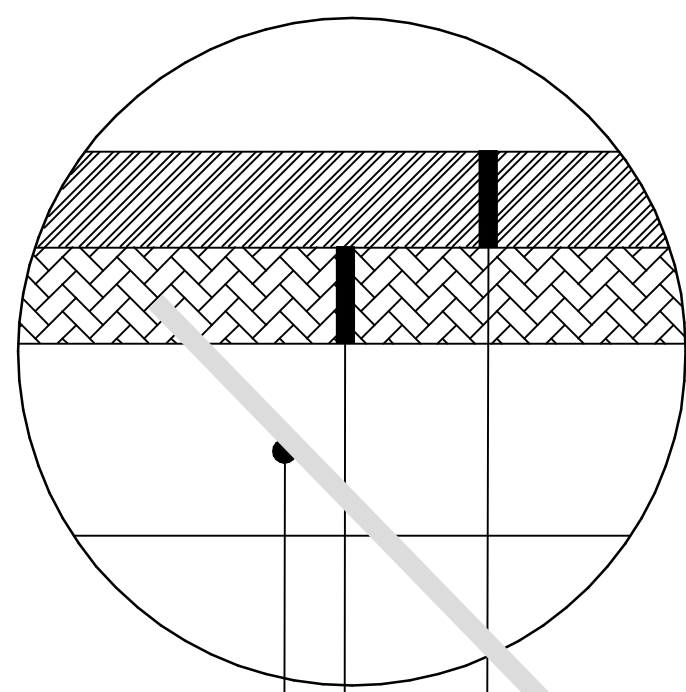
5

4

3

2

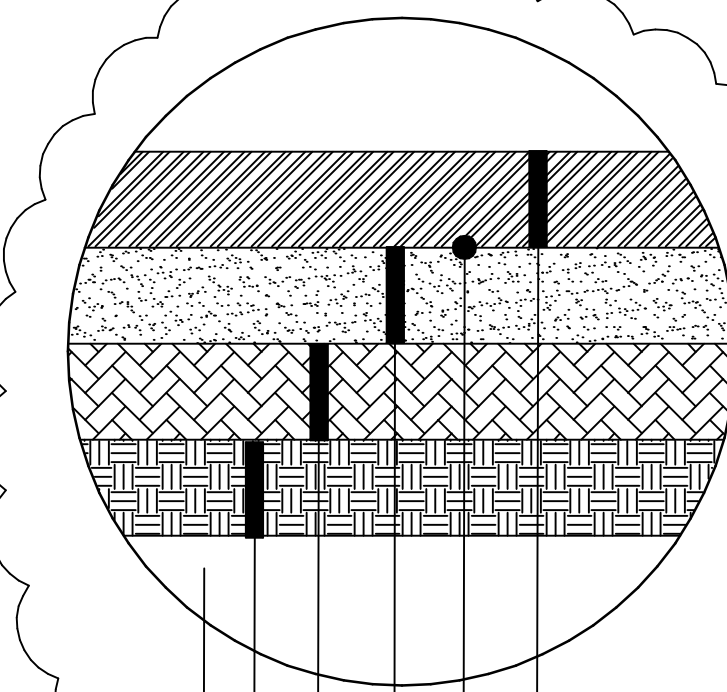
1



50.8mm (2") TYPE 31 BITUMINOUS BASE COURSE, Mn/DOT SPEC 2331.

152.4mm (6") AGGREGATE BASE, CLASS 5 Mn/DOT SPEC 3138 100% CRUSHED, RECYCLED MATERIAL PERMITTED.

PLACE ON PREPARED SUBGRADE, Mn/DOT SPEC 2112.



50.8mm (2") TYPE 41 BITUMINOUS WEARING COURSE, Mn/DOT SPEC 2331.

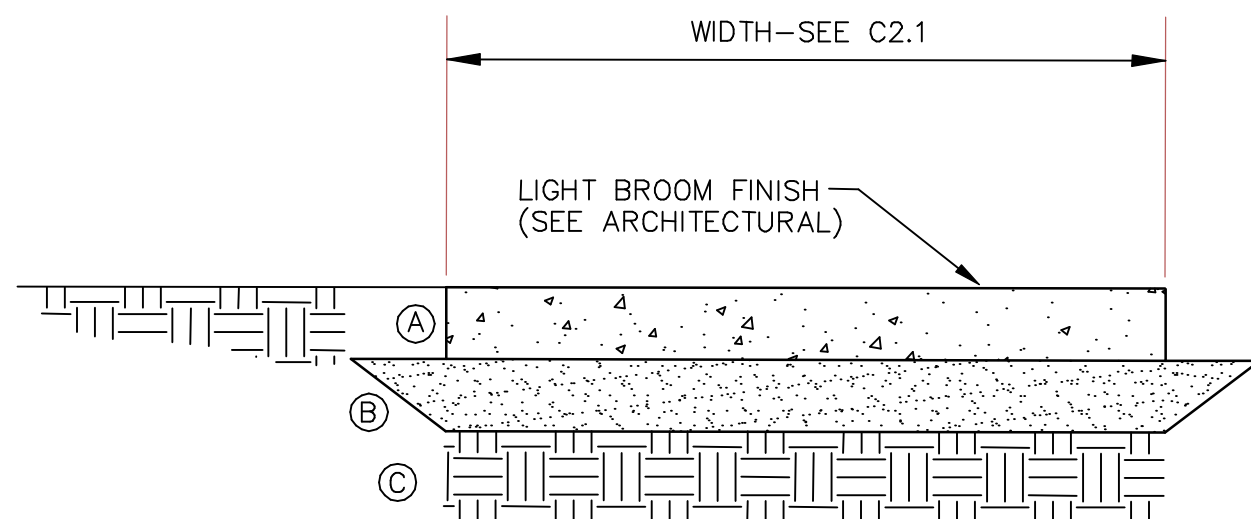
BITUMINOUS TACK COAT Mn/DOT STANDARD SPEC. 2357

50.8mm (2") TYPE 31 BITUMINOUS BASE COURSE, Mn/DOT SPEC 2331.

101.6mm (4") AGGREGATE BASE, CLASS 5 Mn/DOT SPEC 3138 100% CRUSHED, RECYCLED MATERIAL PERMITTED.

305mm (12") MODIFIED SELECT GRANULAR BORROW, MnDOT 3149.282, WITH LESS THAN 5% BY WEIGHT PASSING THE #200 SIEVE AND LESS THAN 40% PASSING THE #40 SIEVE.

PLACE ON PREPARED SUBGRADE, Mn/DOT SPEC 2112.



WIDTH—SEE C2.1

LIGHT BROOM FINISH (SEE ARCHITECTURAL)

102MM (4") CONCRETE PAVEMENT

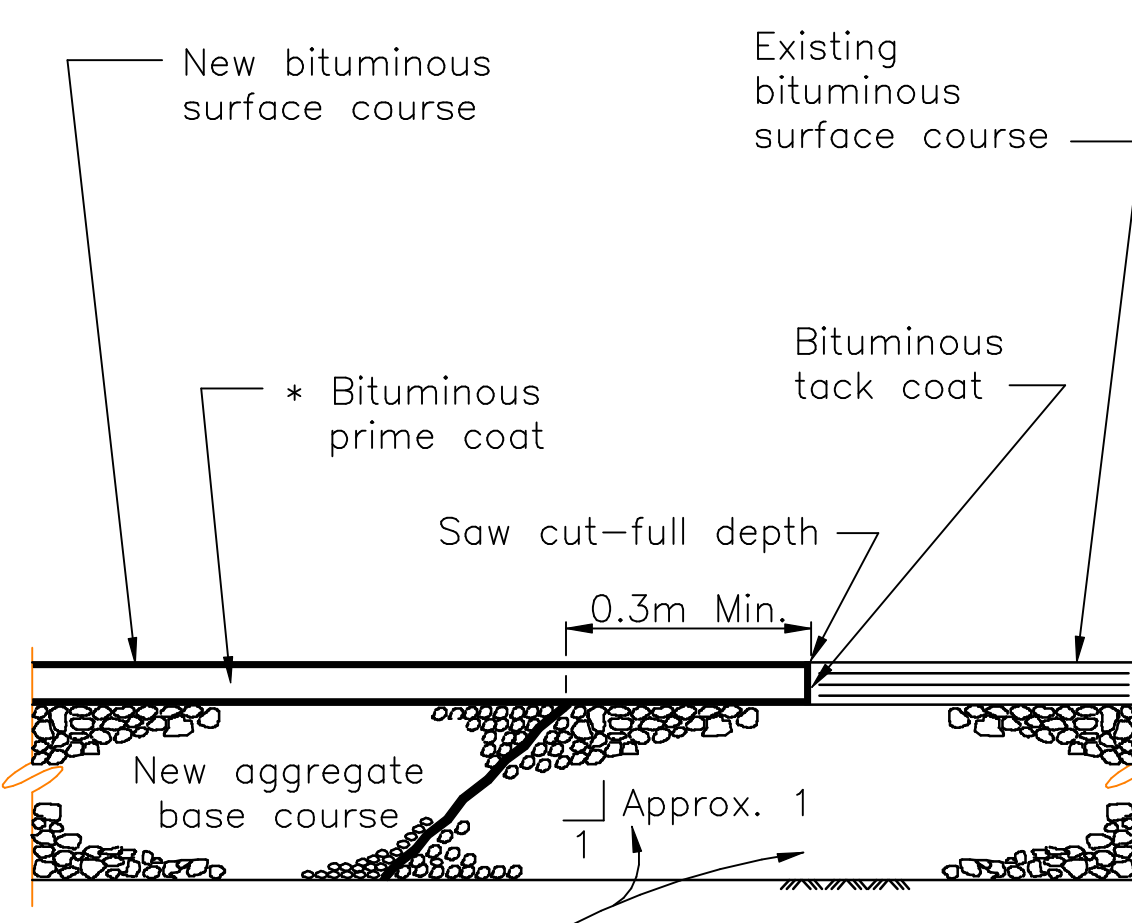
102MM (4") AGGREGATE BASE CL 5 100% CRUSHED Mn/DOT SPEC. 3138.

COMPACTED MINERAL SUBGRADE Mn/DOT SPEC. 2112.

1 BITUMINOUS PAVING SECTION
C5.3 | C9.3 NOT TO SCALE

2 BITUMINOUS PAVING SECTION
C5.1 | C9.3 NOT TO SCALE

3 SIDEWALK SECTION
C5.3 | C9.3 NOT TO SCALE



New bituminous surface course

Existing bituminous surface course

* Bituminous prime coat

Bituminous tack coat

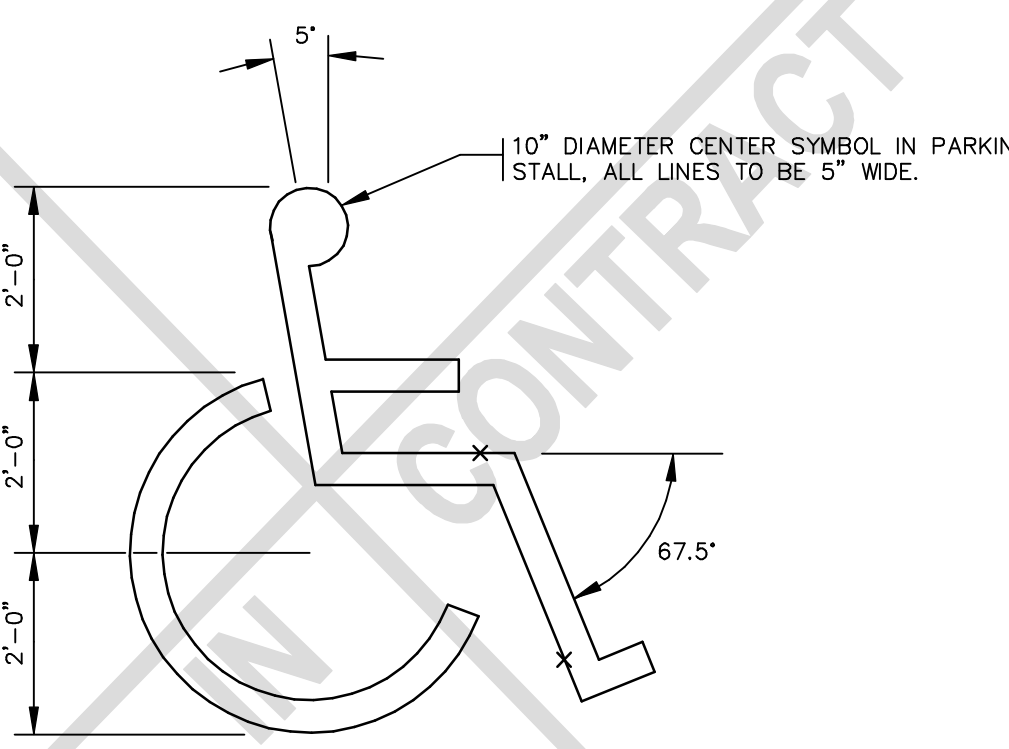
Saw cut—full depth

0.3m Min.

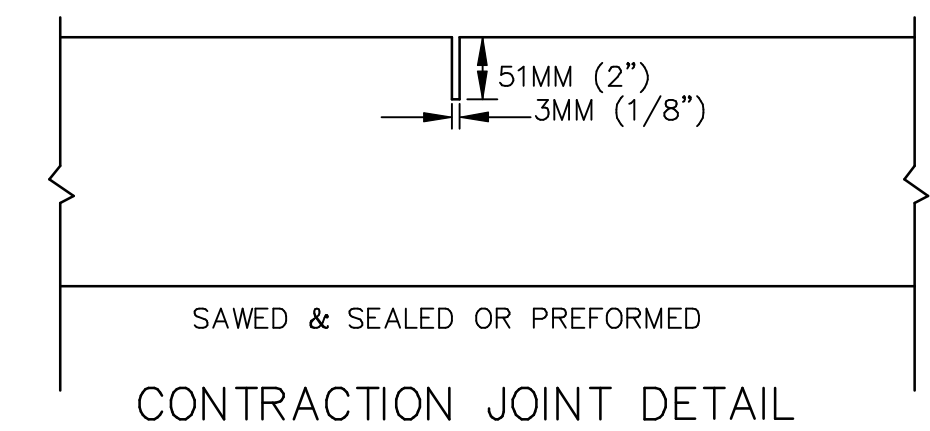
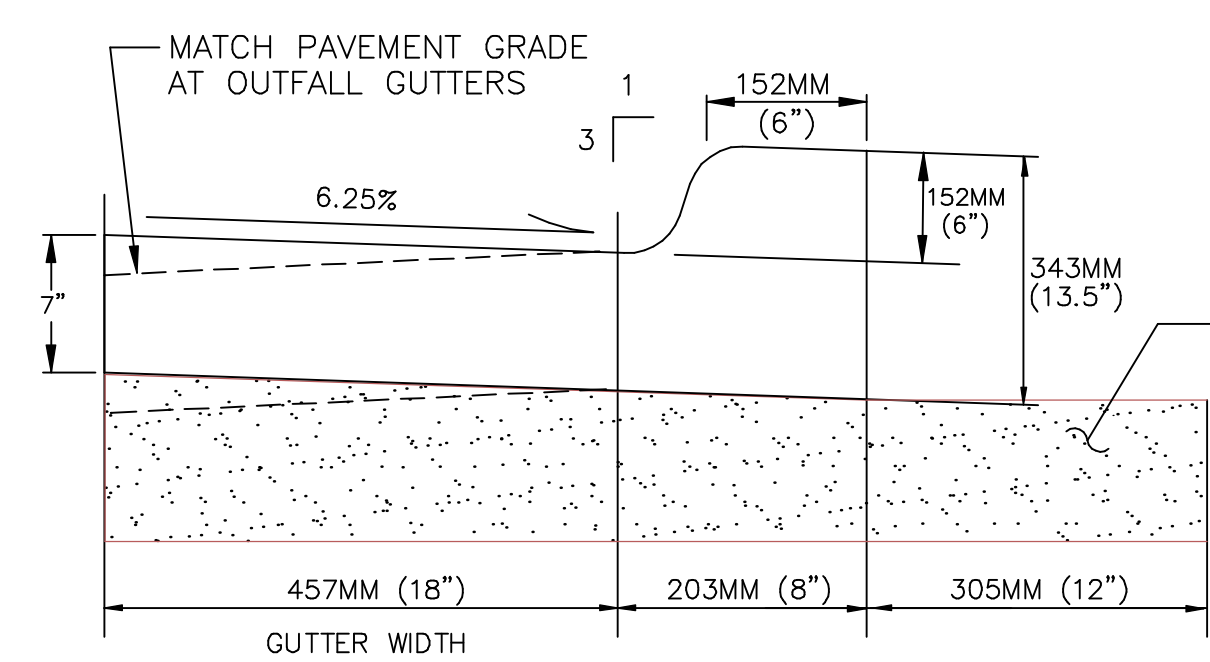
Approx. 1

* When specified

Existing aggregate base course to be protected and remain undisturbed to prevent loss of density and support under existing bituminous pavement.

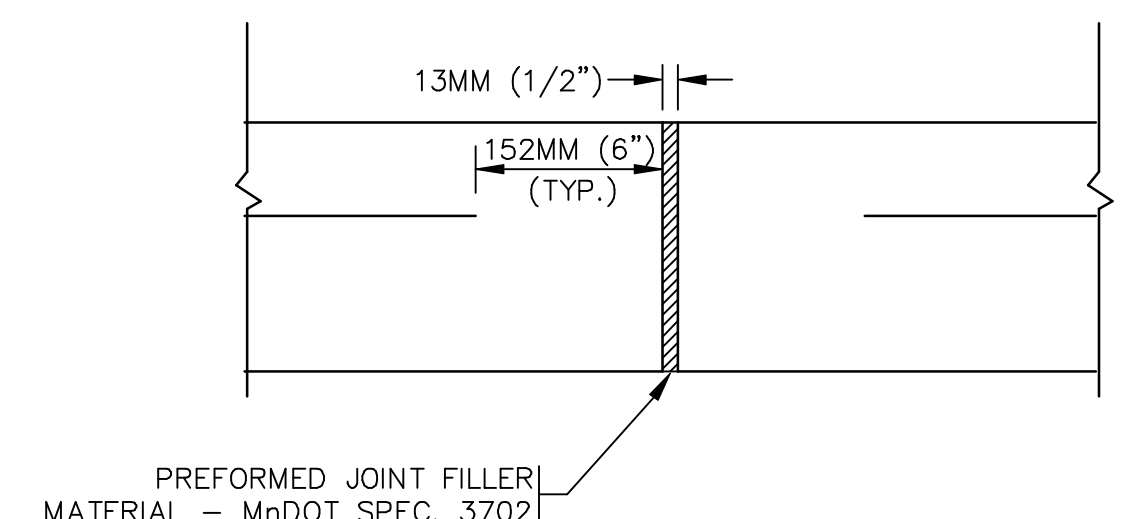


NOTE: PROVIDE DESIGNATED WHEEL CHAIR SYMBOL ● EACH HANDICAP PARKING STALL.



SAWED & SEALED OR PREFORMED

CONTRACTION JOINT DETAIL



PREFORMED JOINT FILLER MATERIAL — MnDOT SPEC. 37021

EXPANSION JOINT DETAIL WITHOUT DOWEL

4 ASPHALT PAVEMENT JOINT
C3.3 | C9.3 NOT TO SCALE

5 PAINTED WHEEL CHAIR SYMBOL
C6.1 | C9.3 NOT TO SCALE

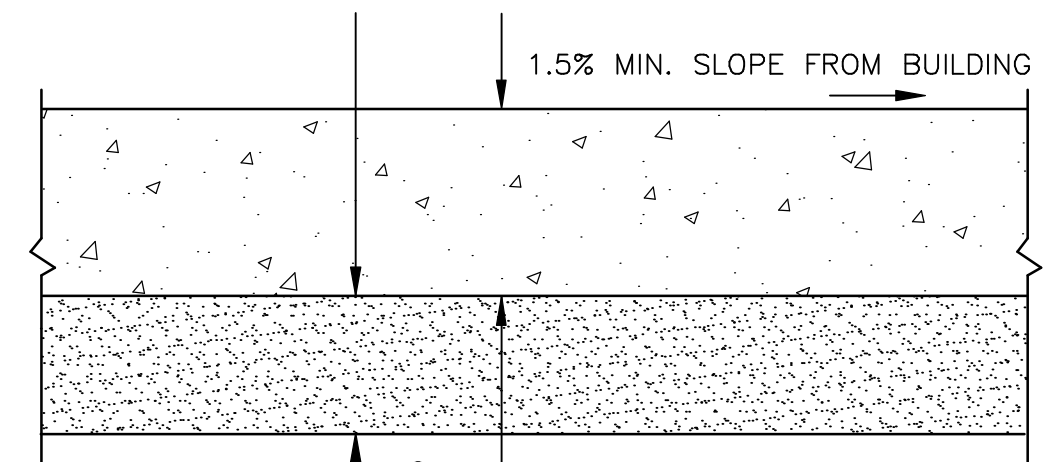
6 CURB & GUTTER
C5.3 | C9.3 NOT TO SCALE

7 CONCRETE PAVEMENT JOINTS
C5.3 | C9.3 NOT TO SCALE

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Engineer under the laws of the State of Minnesota.

For: Enviroscience, Inc.
By: James Henderson, P.E.
Title: Project Engineer
Registration No: 15241

ALL SCALES SHOWN ARE BASED ON A STANDARD DRAWING SIZE OF 28" X 40" OR METRIC DRAWING SIZE OF 841mm X 594mm. IF ANY OTHER SIZE DRAWINGS ARE FURNISHED OR PLOTTED THE CONTRACTOR SHALL ADJUST THE SCALES ACCORDINGLY. THE CONTRACTOR SHALL ALSO ADVISE HIS SUB-CONTRACTORS OF THE ABOVE.

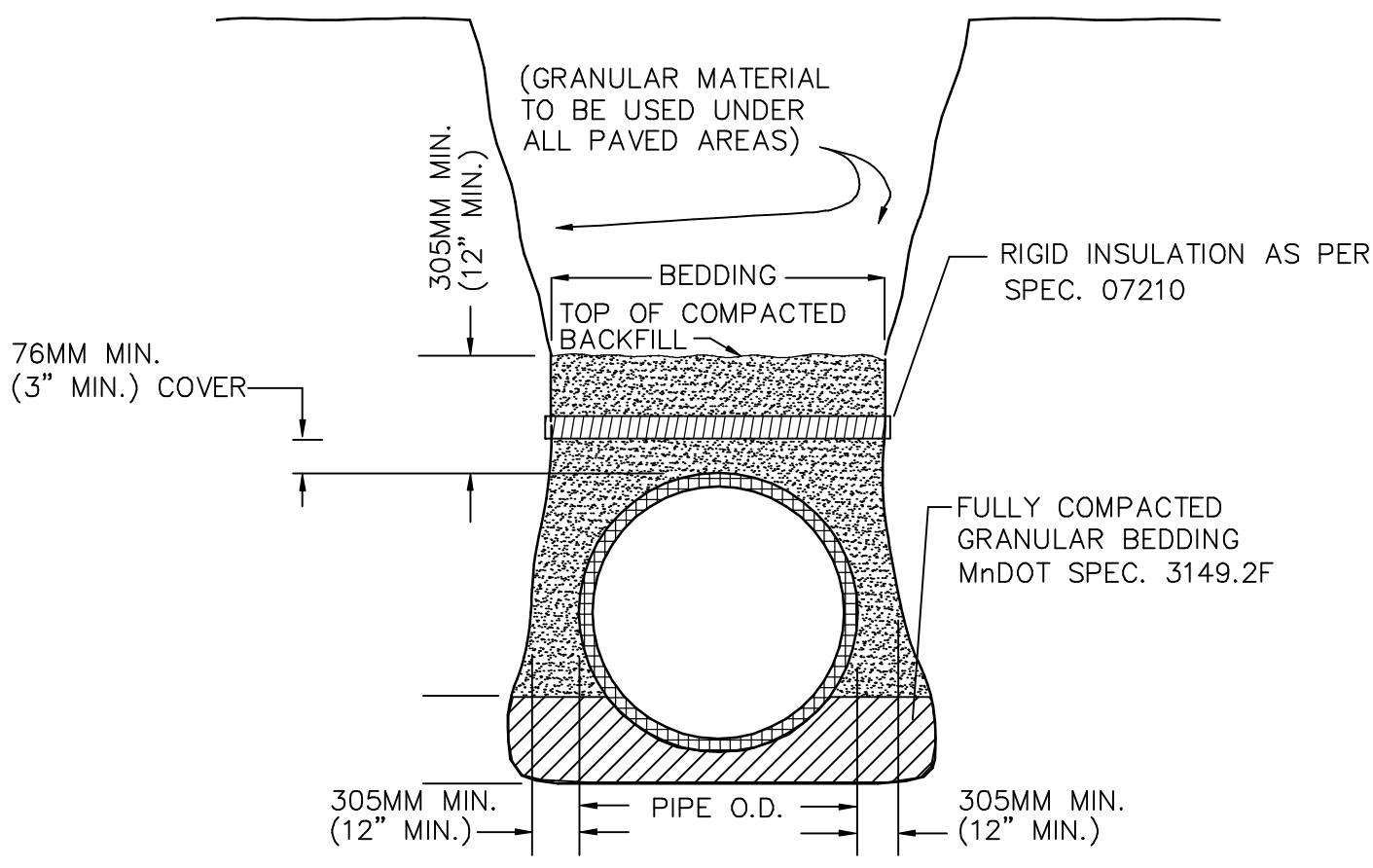


203MM (8") AGGREGATE BASE, CLASS 5 Mn/DOT SPEC 2211 100% CRUSHED, RECYCLED MATERIAL PERMITTED.

GRANULAR BACKFILL

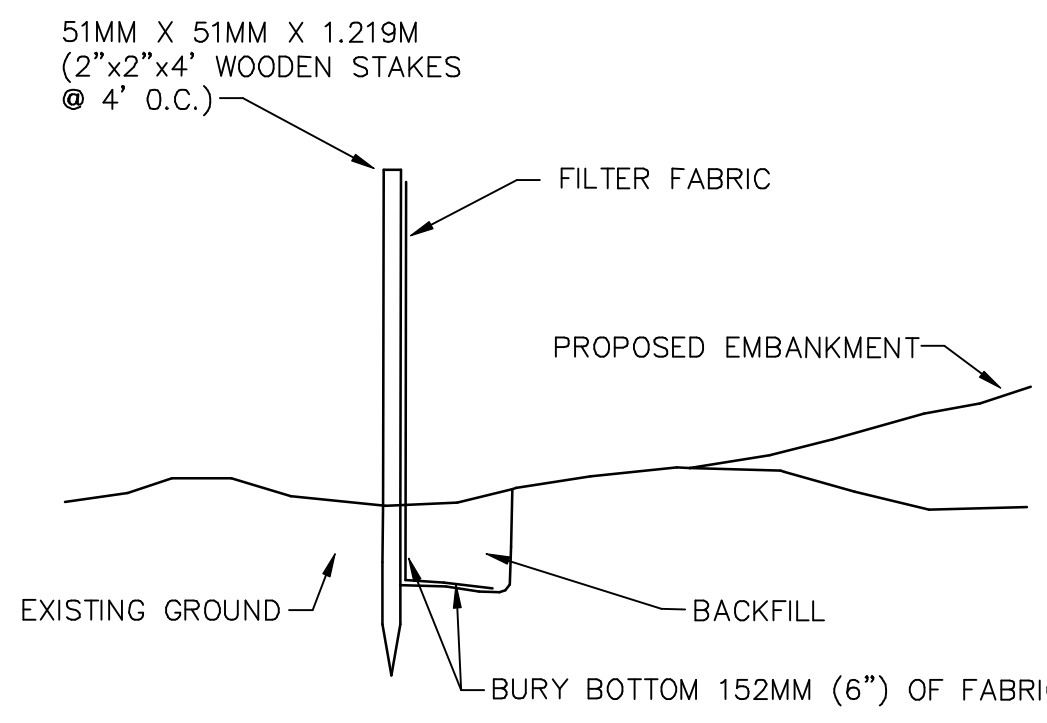
203mm (8") CONCRETE, UNREINFORCED

PAVEMENT SECTION



8 CONCRETE SLAB
C5.3 | C9.3 NOT TO SCALE

9 TRENCH AND PIPE BEDDING DETAIL
C3.3 | C9.3 NOT TO SCALE



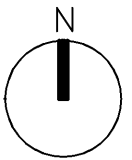
10 SILT FENCE
C4.3 | C9.3 NOT TO SCALE

I hereby certify this drawing was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.

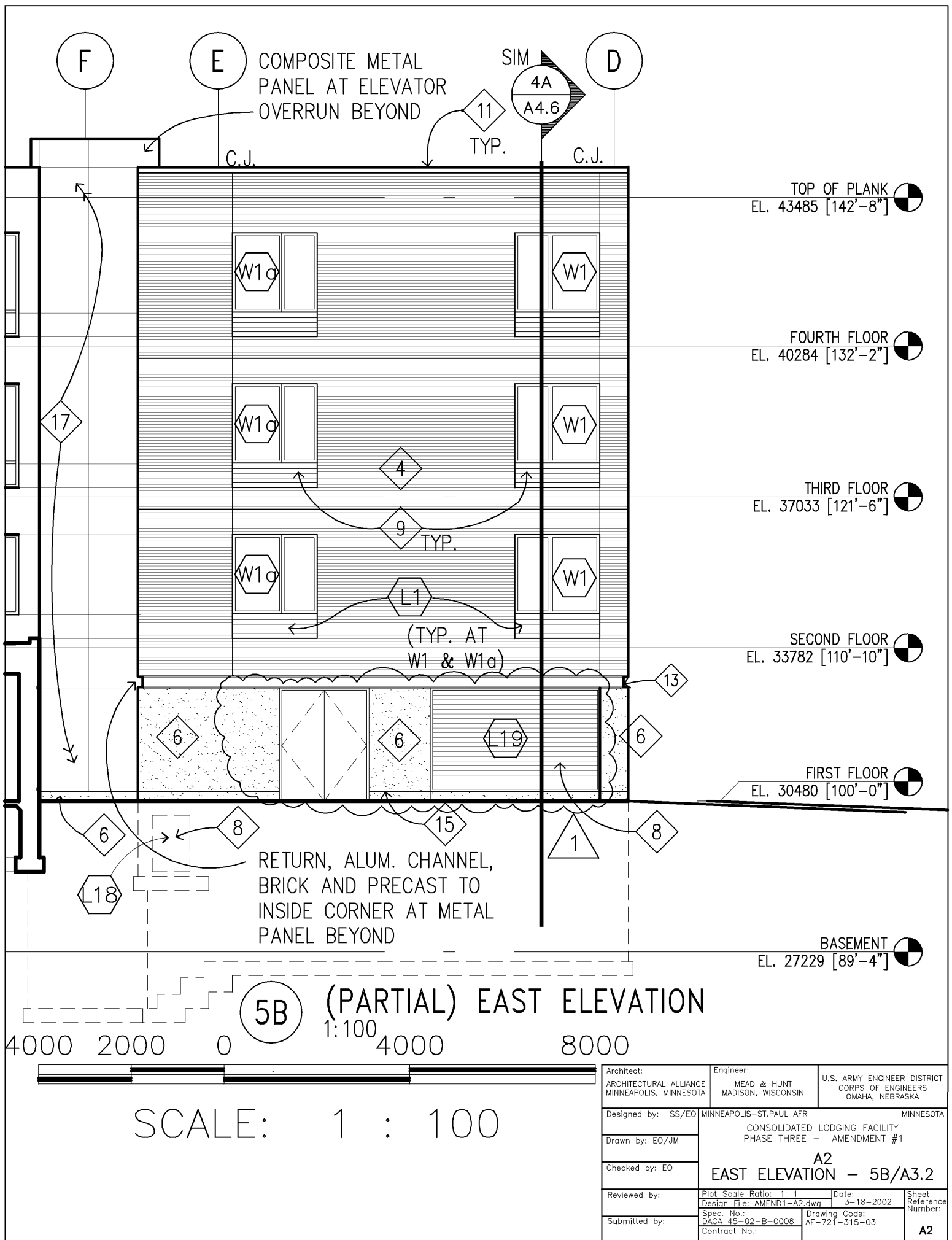
For: Enviroscience, Inc.
By: _____
Title: Project Manager
Registration No: 15241

Revisions			
Symbol	Descriptions	Date	Approved
△	ADDED PAVEMENT JOINT DETAIL, BITUMINOUS DETAIL	03/20/02	
Architect:		Engineer:	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA		ENVIROSCIENCE, INC. EDEN PRAIRIE, MN	
Designed by:		MINNEAPOLIS—ST.PAUL AFR	MINNESOTA
Drawn by:		CONSOLIDATED LODGING FACILITY — PHASE THREE —	
Checked by:		SITE DETAILS	
Reviewed by:		Plot Scale Ratio: 1: 1 Design File:	Date: 2/14/02
Submitted by:		Spec. No.: DACA 45-02-B-0008 Contract No.: DACA xx-xx-x-xxxx	Drawing Code: AF 721-315-03
			Sheet reference number: C9.3

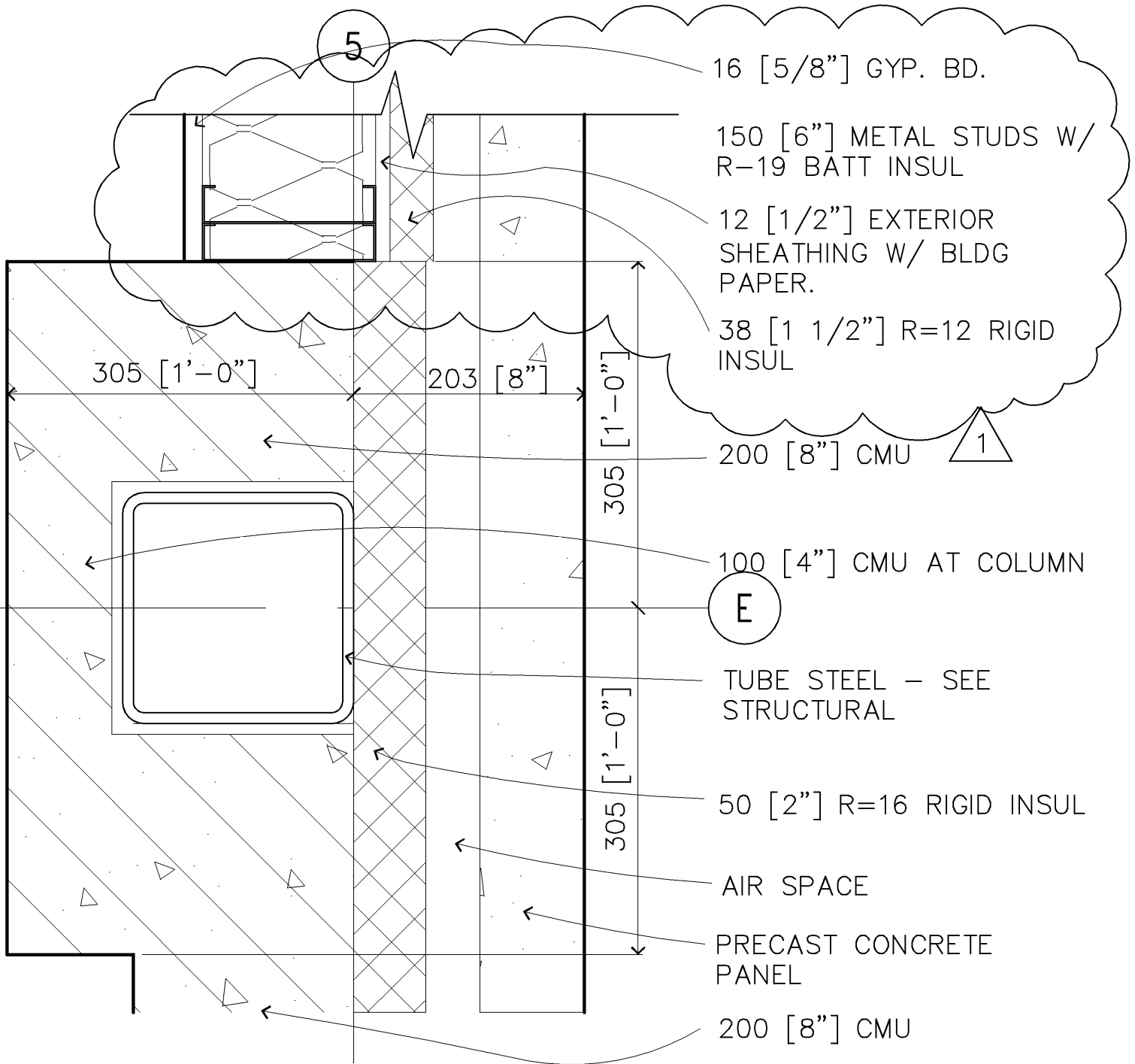
QJKL-990011P3



Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA		Engineer: MEAD & HUNT MADISON, WISCONSIN		U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA	
Designed by: SS/EO		MINNEAPOLIS-ST.PAUL AFR MINNESOTA CONSOLIDATED LODGING FACILITY PHASE THREE - AMENDMENT #1 A1 PARTIAL FIRST FLOOR PLAN - 5A/A2.3			
Drawn by: EO/JM		A1 PARTIAL FIRST FLOOR PLAN - 5A/A2.3			
Checked by: EO					
Reviewed by:		Plot Scale Ratio: 1: 1 Design File: AMEND1-A1.dwg		Date: 3-18-2002 Sheet Reference Number:	
Submitted by:		Spec. No.: DACA 45-02-B-0008 Contract No.:		Drawing Code: AF-721-315-03 A1	



Architect:	Engineer:	U.S. ARMY ENGINEER DISTRICT	
ARCHITECTURAL ALLIANCE	MEAD & HUNT	CORPS OF ENGINEERS	
MINNEAPOLIS, MINNESOTA	MADISON, WISCONSIN	OMAHA, NEBRASKA	
Designed by: SS/EO	MINNEAPOLIS-ST. PAUL AFR		MINNESOTA
Drawn by: EO/JM	CONSOLIDATED LODGING FACILITY		
Checked by: EO	PHASE THREE - AMENDMENT #1		
	A2		
	EAST ELEVATION - 5B/A3.2		
Reviewed by:	Plot Scale Ratio: 1: 1	Date:	Sheet Reference Number:
	Design File: AMEND1-A2.dwg	3-18-2002	
Submitted by:	Spec. No.: DACA 45-02-B-0008	Drawing Code: AF-721-315-03	A2
	Contract No.:		



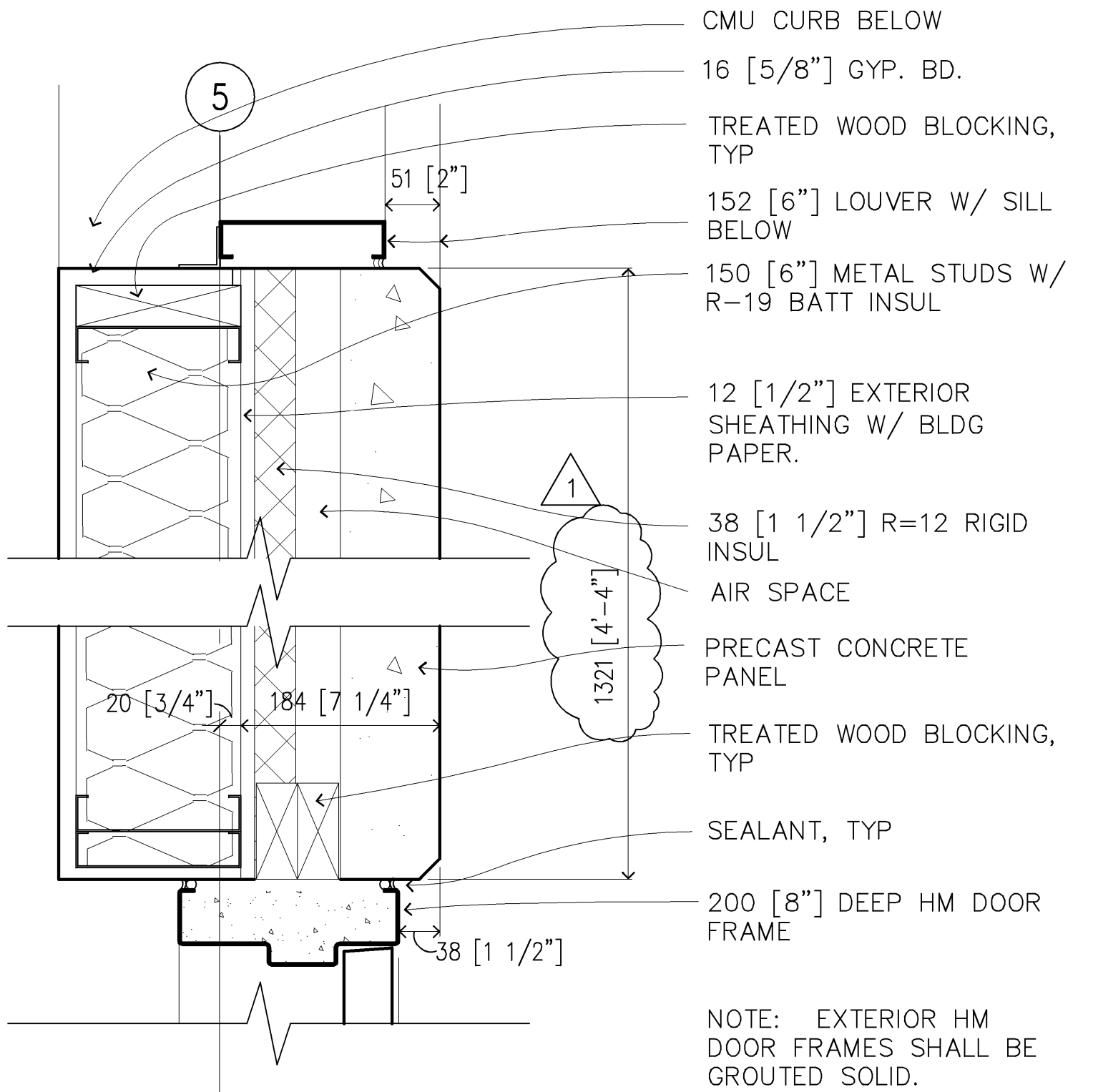
3A DETAIL AT MECHANICAL ROOM

1:5

200 100 0 200 400

SCALE: 1 : 5

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: MEAD & HUNT MADISON, WISCONSIN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by: SS/EO	MINNEAPOLIS-ST. PAUL AFR	MINNESOTA
Drawn by: EO/JM	CONSOLIDATED LODGING FACILITY PHASE THREE - AMENDMENT #1	
Checked by: EO	A3 DETAIL AT MECHANICAL ROOM - 3A/A5.16	
Reviewed by:	Plot Scale Ratio: 1: 1	Date: 3-18-2002
Submitted by:	Design File: AMEND1-A3.dwg	Spec. No.: AF-721-315-03
	DACA 45-02-B-0008	Drawing Code: AF-721-315-03
	Contract No.:	Sheet Reference Number: A3



3B DETAIL AT MECH. ROOM DOOR JAMB & LOUVER JAMB
1:5



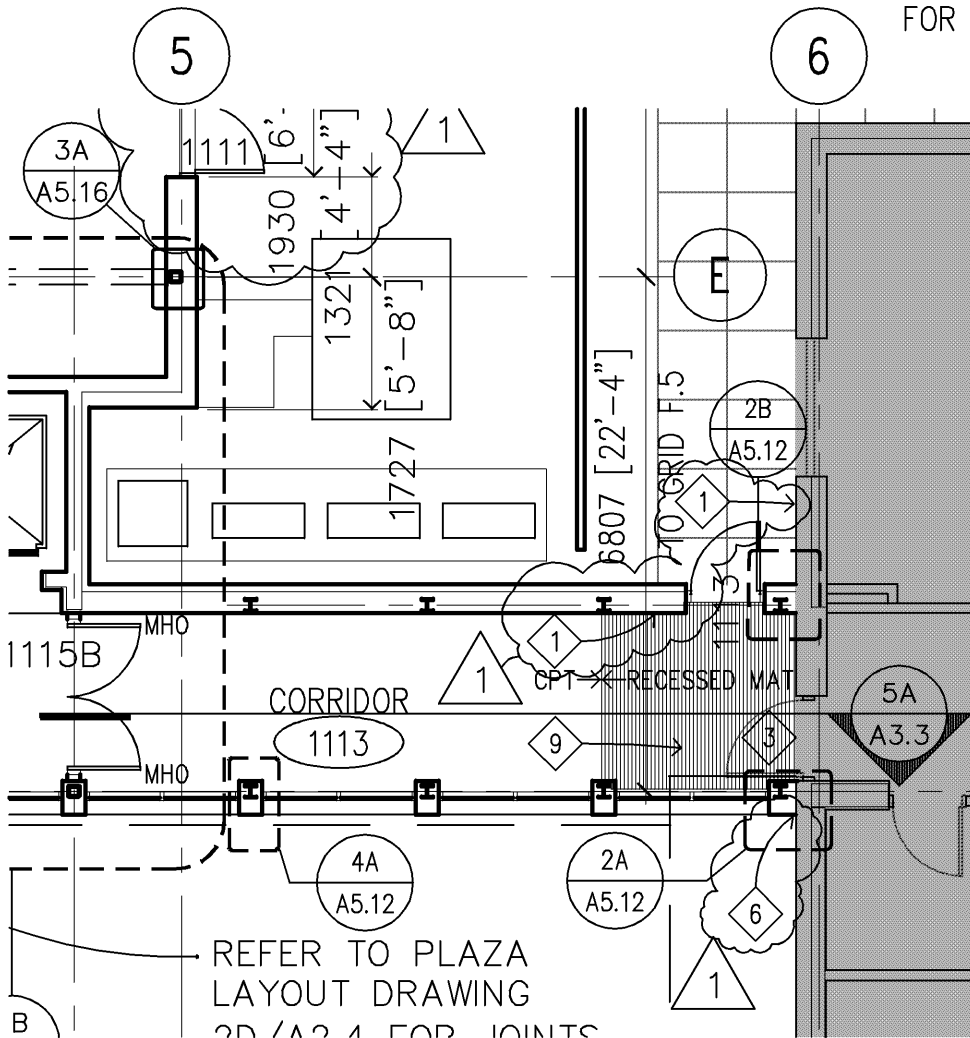
SCALE: 1 : 5

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: MEAD & HUNT MADISON, WISCONSIN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by: SS/EO	MINNEAPOLIS-ST. PAUL AFR	MINNESOTA
Drawn by: EO/JM	CONSOLIDATED LODGING FACILITY PHASE THREE - AMENDMENT #1	
Checked by: EO	A4 DETAIL AT MECH. ROOM DOOR & LOUVER JAMBS - 3B/A5.16	
Reviewed by:	Plot Scale Ratio: 1: 1 Design File: AMEND1-A4.dwg	Date: 3-18-2002
Submitted by:	Spec. No.: DACA 45-02-B-0008	Drawing Code: AF-721-315-03
	Contract No.:	Sheet Reference Number: A4

FIRST FLOOR PLAN KEYNOTES:

- 1 ACCESSIBLE DOOR OPERATION TOUCH PAD
- 6 UTILIZE WORKPOINT AT EXISTING BUILDING AND LINK INTERSECTION FOR LAYOUT OF GRIDLINES

REFER TO FULL SHEET A2.3
FOR REMAINING KEYNOTES



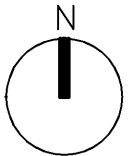
5A (PARTIAL) FIRST FLOOR PLAN – WEST WING
1:100

4000 2000 0 4000 8000

SCALE: 1 : 100

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: MEAD & HUNT MADISON, WISCONSIN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by: SS/EO	MINNEAPOLIS-ST. PAUL AFR	MINNESOTA
Drawn by: EO/JM	CONSOLIDATED LODGING FACILITY PHASE THREE – AMENDMENT #1	
Checked by: EO	A5 PARTIAL FIRST FLOOR PLAN – 5A/A2.3	
Reviewed by:	Plot Scale Ratio: 1:1 Design File: AMEND1-A5.dwg	Date: 3-18-2002
Submitted by:	Spec. No.: DACA 45-02-B-0008	Drawing Code: AF-721-315-03
	Contract No.:	Sheet Reference Number: A5

REFER TO FULL SHEET A2.3
FOR REMAINING KEYNOTES



SCALE: 1 : 100

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA		Engineer: MEAD & HUNT MADISON, WISCONSIN		U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA	
Designed by: SS/EO		MINNEAPOLIS-ST. PAUL AFR MINNESOTA			
Drawn by: EO/JM		CONSOLIDATED LODGING FACILITY PHASE THREE - AMENDMENT #1 <div style="text-align: center; font-size: 1.5em;">A6</div>			
Checked by: EO		<div style="text-align: center; font-size: 1.5em;">PARTIAL FIRST FLOOR PLAN - 5A/A2.3</div>			
Reviewed by:		Plot Scale Ratio: 1: 1		Date: 3-18-2002	
		Design File: AMEND1-A6.dwg		Sheet Number:	
Submitted by:		Spec. No.: DACA 45-02-B-0008		Drawing Code: AF-721-315-03	
		Contract No.:		<div style="text-align: center; font-size: 1.5em;">A6</div>	

3D INSIDE CORNER AT 1ST FLOOR
1:5

100 [4"] METAL STUDS W/
150 [6"] BATT INSUL

EDGE OF SILL

BUILDING PAPER OVER
13 [1/2"] GYP
SHEATHING

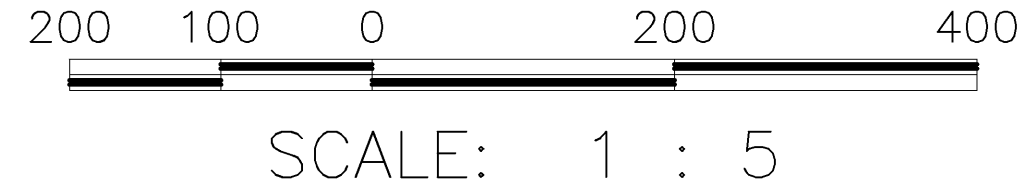
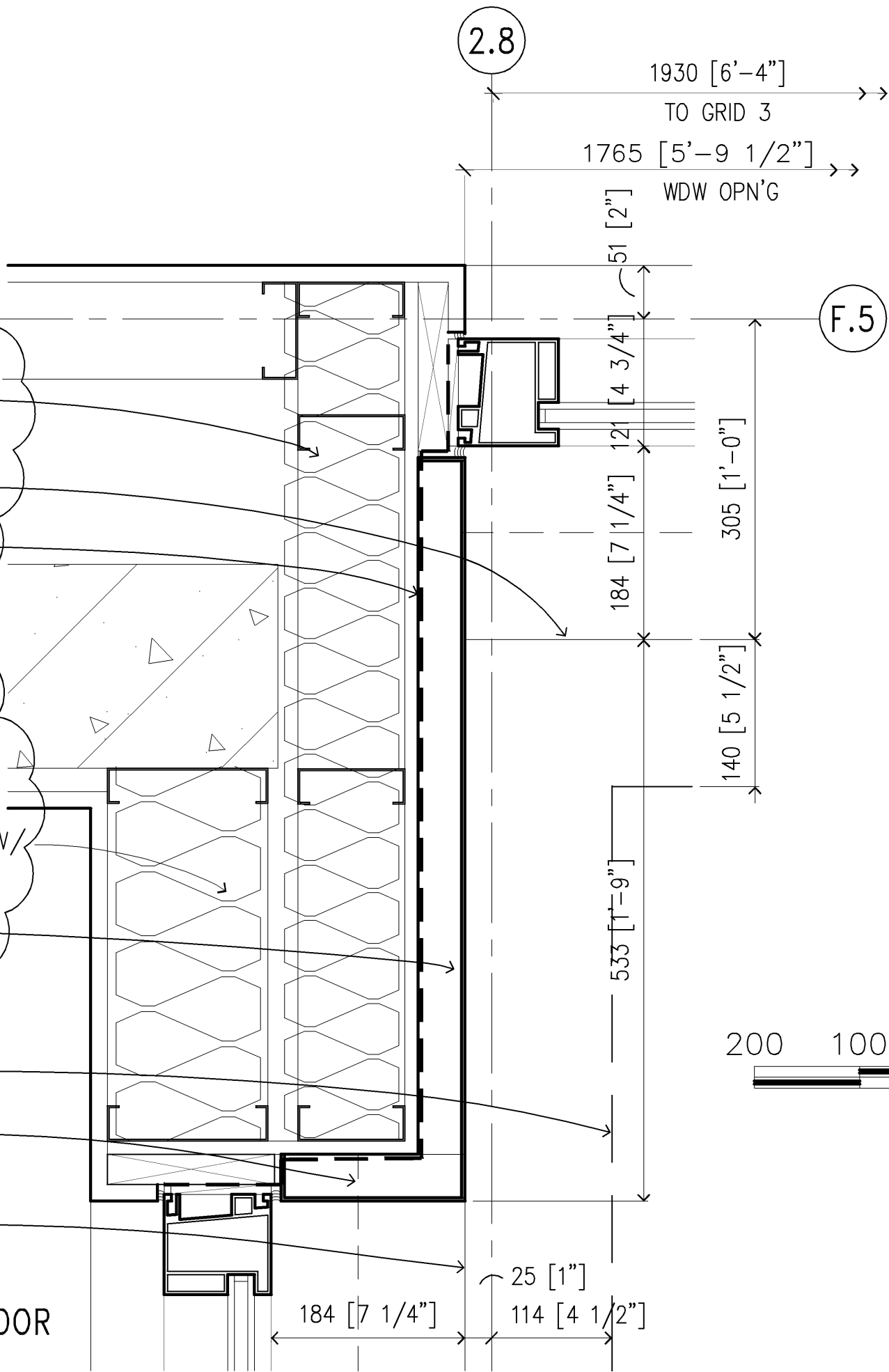
150 [6"] MET STUDS W/
R=19 BATT INSUL.

PROVIDE 44 [1 3/4"]
PRECAST BASE BELOW
METAL PANEL

OVERHANG ABOVE

PROFILE OF 100 [4"]
PRECAST BASE BELOW

1 EDGE OF SILL



Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: MEAD & HUNT MADISON, WISCONSIN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by: SS/EO	MINNEAPOLIS-ST. PAUL AFR	MINNESOTA
Drawn by: EO/JM	CONSOLIDATED LODGING FACILITY PHASE THREE - AMENDMENT #1 A7	
Checked by: EO	INSIDE CORNER AT 1ST FLOOR - 3D/A5.20	
Reviewed by:	Plot Scale Ratio: 1: 1 Design File: AMEND1-A7.dwg	Date: 3-18-2002 Sheet Reference Number:
Submitted by:	Spec. No.: DACA 45-02-B-0008 Contract No.:	Drawing Code: AF-721-315-03 A7

OUTLET OF
SCUPPER SHALL
BE 50 [2"]
ABOVE ROOF
DRAIN

19 [3/4"]
PLYWOOD

EPDM MEMBRANE
ADHERE TO BLOCK

FLASHING
AND
WEEP

TERMINATION
BAR

SHEET METAL
SCUPPER

SEALANT

DRIP

SEALANT

TERMINATION
BAR

TAPERED
INSULATION

WOOD BLOCKING

VAPOR RETARDER

38 [1-1/2"]
RIGID INSULATION
(R-5 PER INCH)

GRID

50 [2"]

100 [4"]

50 [2"]



SCALE: 1 : 5

4B OVERFLOW SCUPPER AT WALL
1:5

Architect: ARCHITECTURAL ALLIANCE MINNEAPOLIS, MINNESOTA	Engineer: MEAD & HUNT MADISON, WISCONSIN	U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA
Designed by: SS/EO	MINNEAPOLIS-ST. PAUL AFR	MINNESOTA
Drawn by: EO/JM	CONSOLIDATED LODGING FACILITY PHASE THREE - AMENDMENT #1 A8	
Checked by: EO	OVERFLOW SCUPPER AT WALL - 4B/A5.8	
Reviewed by:	Plot Scale Ratio: 1: 1 Design File: AMEND1-A8.dwg	Date: 3-18-2002 Sheet Reference Number:
Submitted by:	Spec. No.: DACA 45-02-B-0008 Contract No.:	Drawing Code: AF-721-315-03 A8

